

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070471.D
 Acq On : 27 Sep 2021 12:13
 Operator : VA/SY
 Sample : VD0927SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0927SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:06:42 PM

Quant Time: Sep 28 04:11:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	345238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	593089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200482	45.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.460%
35) Dibromofluoromethane	7.914	113	209751	47.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.980%
50) Toluene-d8	10.337	98	794233	49.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.625	95	269224	48.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	76043	19.298	ug/l	95
3) Chloromethane	2.208	50	97250	18.254	ug/l	98
4) Vinyl Chloride	2.350	62	108696	20.011	ug/l	95
5) Bromomethane	2.755	94	70581	18.075	ug/l	99
6) Chloroethane	2.914	64	69538	18.904	ug/l	94
7) Trichlorofluoromethane	3.273	101	141175	19.650	ug/l	100
8) Diethyl Ether	3.708	74	36917	18.588	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	91841	20.579	ug/l	96
10) Methyl Iodide	4.297	142	71399	17.397	ug/l	98
11) Tert butyl alcohol	5.226	59	22542	44.974	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	75082	18.680	ug/l	95
13) Acrolein	3.920	56	12375	56.156	ug/l	86
14) Allyl chloride	4.714	41	106148	17.972	ug/l	97
15) Acrylonitrile	5.426	53	87800	92.782	ug/l	99
16) Acetone	4.161	43	65264	82.463	ug/l	100
17) Carbon Disulfide	4.408	76	265486	17.903	ug/l	99
18) Methyl Acetate	4.720	43	45037	19.820	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	164373	18.924	ug/l	99
20) Methylene Chloride	4.961	84	120189	20.015	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	94576	19.767	ug/l	88
22) Diisopropyl ether	6.361	45	241554	19.108	ug/l	97
23) Vinyl Acetate	6.302	43	520216	88.829	ug/l	100
24) 1,1-Dichloroethane	6.261	63	166635	18.630	ug/l	99
25) 2-Butanone	7.208	43	93727	88.965	ug/l	91
26) 2,2-Dichloropropane	7.208	77	140661	19.455	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	95999	18.678	ug/l	97
28) Bromochloromethane	7.537	49	61843	17.426	ug/l	97
29) Tetrahydrofuran	7.561	42	59486	87.959	ug/l	98
30) Chloroform	7.708	83	179909	19.619	ug/l	97
31) Cyclohexane	7.985	56	143736	18.823	ug/l #	94
32) 1,1,1-Trichloroethane	7.902	97	153727	19.917	ug/l	99
36) 1,1-Dichloropropene	8.108	75	130217	19.634	ug/l	97
37) Ethyl Acetate	7.285	43	46203	18.630	ug/l	99
38) Carbon Tetrachloride	8.090	117	132404	20.186	ug/l	99
39) Methylcyclohexane	9.349	83	140132	18.914	ug/l	97
40) Benzene	8.349	78	386434	19.883	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22136	16.965	ug/l	96
42) 1,2-Dichloroethane	8.420	62	100109	19.232	ug/l	99
43) Isopropyl Acetate	8.449	43	81621	17.800	ug/l	99
44) Trichloroethene	9.108	130	95258	20.508	ug/l	89
45) 1,2-Dichloropropane	9.384	63	95572	18.743	ug/l	94
46) Dibromomethane	9.473	93	51608	19.654	ug/l	98
47) Bromodichloromethane	9.655	83	133003	19.855	ug/l	99
48) Methyl methacrylate	9.449	41	40090	18.936	ug/l	96
49) 1,4-Dioxane	9.455	88	10834	411.945	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	218303	92.002	ug/l	99
52) Toluene	10.396	92	241855	20.595	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	115575	20.057	ug/l	100
54) cis-1,3-Dichloropropene	10.084	75	141352	20.156	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	71151	19.697	ug/l	98
56) Ethyl methacrylate	10.655	69	71825	18.214	ug/l	93
57) 1,3-Dichloropropane	10.937	76	122794	19.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.937	63	189222	99.560	ug/l	99
59) 2-Hexanone	10.979	43	143425	90.596	ug/l	97
60) Dibromochloromethane	11.131	129	82745	19.683	ug/l	99
61) 1,2-Dibromoethane	11.243	107	64804	19.507	ug/l	97
64) Tetrachloroethene	10.873	164	76061	21.064	ug/l	99
65) Chlorobenzene	11.667	112	247404	20.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	91592	20.354	ug/l	99
67) Ethyl Benzene	11.737	91	420725	19.855	ug/l	99
68) m/p-Xylenes	11.849	106	337613	41.254	ug/l	98
69) o-Xylene	12.173	106	151267	20.632	ug/l	99
70) Styrene	12.190	104	266854	20.835	ug/l	98
71) Bromoform	12.349	173	45112	20.284	ug/l #	98
73) Isopropylbenzene	12.473	105	397192	20.414	ug/l	99
74) N-amyl acetate	12.278	43	74994	17.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	81225	19.491	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	53507m	19.066	ug/l	
77) Bromobenzene	12.755	156	92591	20.626	ug/l	95
78) n-propylbenzene	12.814	91	518311	20.524	ug/l	99
79) 2-Chlorotoluene	12.896	91	300147	20.391	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	351374	20.925	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	23695	21.155	ug/l	95
82) 4-Chlorotoluene	12.996	91	318028	20.480	ug/l	99
83) tert-Butylbenzene	13.214	119	274195	20.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	347158	20.994	ug/l	99
85) sec-Butylbenzene	13.390	105	444382	20.758	ug/l	98
86) p-Isopropyltoluene	13.508	119	363416	21.129	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	193223	20.675	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	188665	20.112	ug/l	98
89) n-Butylbenzene	13.831	91	337243	19.665	ug/l	98
90) Hexachloroethane	14.096	117	79081	20.085	ug/l	96
91) 1,2-Dichlorobenzene	13.878	146	165195	20.033	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11714	18.769	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	86313	19.383	ug/l	96
94) Hexachlorobutadiene	15.255	225	55097	20.172	ug/l	98
95) Naphthalene	15.384	128	153793	19.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	74046	18.847	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

